WHAT IS CLAIMED IS:

1. A system, comprising:

a network;

a plurality of peer nodes coupled to the network;

one of the plurality of peer nodes configured to:

publish content cached on the peer node on the network; and

provide the content to another one of the peer nodes in response to a request for the content from the other peer node;

wherein the other peer node is configured to cache the content and publish the content for access by other peer nodes on the network.

2. The system as recited in claim 1, wherein the plurality of peer nodes comprises an edge peer node configured to:

if the other peer node is nearer to the edge peer node on the network than the peer node, get the content from the other peer node; and

if the peer node is nearer to the edge peer node on the network than the other peer node, get the content from the peer node.

3. The system as recited in claim 2, wherein the edge peer node is further configured to cache the content and publish the content for access by other peer nodes on the network.

4. The system as recited in claim 1, further comprising an edge peer node configured to:

send a request for the content on the network;

receive a portion of the content from the peer node in response to the request; and

receive another portion of the content from the other peer node in response to the request.

5. The system as recited in claim 1, wherein the plurality of peer nodes comprises an edge peer node configured to:

broadcast a request for the content on the network;

receive a response to the request from each of two or more of the plurality of peer nodes that cache the content;

determine a nearest peer node to the edge peer node on the network of the two or more peer nodes; and

get the content from the nearest peer node.

6. The system as recited in claim 1, wherein the plurality of peer nodes are member peers in a peer group.

7. The system as recited in claim 1, wherein the plurality of peer nodes is further configured to participate in a peer-to-peer environment on the network in accordance with one or more peer-to-peer platform protocols for enabling the plurality of peer nodes to

discover each other, communicate with each other, and cooperate with each other to form peer groups and share network resources in the peer-to-peer environment.

8. A system, comprising:

a network;

a plurality of peer nodes coupled to the network, wherein each of the plurality of peer nodes is configured to publish content on the network;

a peer node coupled to the network and configured to:

send a request for a particular content on the network; and

receive the particular content from a nearest one of the plurality of peer nodes on the network.

9. The system as recited in claim 8, wherein the peer node is further configured to cache and publish the particular content for access by other peer nodes on the network.

10. The system as recited in claim 8, wherein the plurality of peer nodes are member peers in a peer group.

11. The system as recited in claim 8, wherein the plurality of peer nodes is further configured to participate in a peer-to-peer environment on the network in accordance with one or more peer-to-peer platform protocols for enabling the plurality of peer nodes to discover each other, communicate with each other, and cooperate with each other to form peer groups and share network resources in the peer-to-peer environment.

12. A system, comprising:

a primary content publisher peer node configured to cache content and publish the cached content for access by other peer nodes on a network;

an edge content publisher peer node configured to:

receive the content from the primary content publisher peer node;

cache the received content; and

publish the received content for access by the other peer nodes on the network.

13. The system as recited in claim 12, further comprising an edge peer node configured to:

send a request for the content on the network;

if the edge content publisher peer node is nearer to the edge peer node on the network than the primary content publisher peer node, receive the content from the edge content publisher peer node; and

if the primary content publisher peer node is nearer to the edge peer node on the network than the edge content publisher peer node, receive the content from the primary content publisher peer node.

14. The system as recited in claim 13, wherein the edge peer node is further configured to cache and publish the content for access by the other peer nodes on the network.

15. The system as recited in claim 12, further comprising an edge peer node configured to:

send a request for the content on the network;

receive a portion of the content from the primary content publisher peer node in response to the request;

receive a redirection to the edge content publisher peer node from the primary content publisher peer node; and

receive another portion of the content from the edge content publisher peer node in response to the redirection.

16. The system as recited in claim 12, wherein the peer nodes are member peers in a peer group.

17. The system as recited in claim 12, wherein the peer nodes are further configured to participate in a peer-to-peer environment on the network in accordance with one or more peer-to-peer platform protocols for enabling the peer nodes to discover each other, communicate with each other, and cooperate with each other to form peer groups and share network resources in the peer-to-peer environment.

18. A system, comprising:

means for a plurality of peer nodes to cache and publish content for access by other peer nodes on a network;

means for a peer node to send a request for a particular content on the network; and

means for the peer node to receive the requested particular content from a nearest one of the plurality of peer nodes on the network.

19. The system as recited in claim 18, further comprising means for the peer node to cache and publish the particular content for access by other peer nodes on the network.

20. A method, comprising:

a peer node publishing cached content for access by other peer nodes on a network;

another peer node requesting the content on the network;

the other peer node receiving the content from the peer node;

the other peer node caching the received content; and

the other peer node publishing the received content for access by the other peer nodes on the network.

21. The method as recited in claim 20, further comprising:

a different peer node requesting the content on the network;

if the other peer node is nearer to the different peer node on the network than the peer node, the different peer node receiving the content from the other peer node; and

if the peer node is nearer to the different peer node on the network than the other peer node, the different peer node receiving the content from the peer node.

22. The method as recited in claim 21, further comprising the different peer node caching and publishing the content for access by the other peer nodes on the network.

23. The method as recited in claim 21, wherein the different peer node is an edge peer node.

24. The method as recited in claim 20, further comprising:

a different peer node requesting the content on the network;

the different peer node receiving a portion of the content from the peer node in response to the request;

the different peer node receiving a redirection to the other peer node from the peer node; and

the different peer node receiving another portion of the content from the other peer node in response to the redirection.

25. The method as recited in claim 20, wherein the peer node is a primary publisher of the content, and wherein the other peer node is an edge publisher of the content.

26. The method as recited in claim 20, wherein the peer nodes are member peers in a peer group.

27. The method as recited in claim 20, wherein the peer nodes are configured to participate in a peer-to-peer networking environment implemented in accordance with one or more peer-to-peer platform protocols for enabling peer nodes to discover each other, communicate with each other, and cooperate with each other to form peer groups and share network resources in the peer-to-peer environment.

28. A computer-accessible medium comprising program instructions, wherein the program instructions are configured to implement:

a peer node publishing cached content for access by other peer nodes on a network;

another peer node requesting the content on the network;

the other peer node receiving the content from the peer node;

the other peer node caching the received content; and

the other peer node publishing the received content for access by the other peer nodes on the network.

29. The computer-accessible medium as recited in claim 28, wherein the program instructions are further configured to implement:

a different peer node requesting the content on the network;

if the other peer node is nearer to the different peer node on the network than the peer node, the different peer node receiving the content from the other peer node; and

if the peer node is nearer to the different peer node on the network than the other peer node, the different peer node receiving the content from the peer node.

30. The computer-accessible medium as recited in claim 29, wherein the program instructions are further configured to implement the different peer node caching and publishing the content for access by the other peer nodes on the network.

31. The computer-accessible medium as recited in claim 29, wherein the different peer node is an edge peer node.

32. The computer-accessible medium as recited in claim 28, wherein the program instructions are further configured to implement:

a different peer node requesting the content on the network;

the different peer node receiving a portion of the content from the peer node in response to the request;

the different peer node receiving a redirection to the other peer node from the peer node; and

the different peer node receiving another portion of the content from the other peer node in response to the redirection.

33. The computer-accessible medium as recited in claim 28, wherein the peer node is a primary publisher of the content, and wherein the other peer node is an edge publisher of the content.

34. The computer-accessible medium as recited in claim 28, wherein the peer nodes are member peers in a peer group.

35. The computer-accessible medium as recited in claim 28, wherein the peer nodes are configured to participate in a peer-to-peer networking environment implemented in accordance with one or more peer-to-peer platform protocols for enabling peer nodes to discover each other, communicate with each other, and cooperate with each other to form peer groups and share network resources in the peer-to-peer environment.